

Title (en)

CDK2/5 DEGRADERS AND USES THEREOF

Title (de)

CDK2/5-DEGRADER UND VERWENDUNGEN DAVON

Title (fr)

AGENTS DE DÉGRADATION DE CDK2/5 ET UTILISATIONS ASSOCIÉES

Publication

EP 3947368 A4 20230104 (EN)

Application

EP 20782155 A 20200402

Priority

- US 201962829302 P 20190404
- US 202062981334 P 20200225
- US 2020026411 W 20200402

Abstract (en)

[origin: WO2020206137A1] The present invention relates to bifunctional compounds, compositions, and methods for treating diseases or conditions mediated by dysfunctional cyclin-dependent kinase 2 (CDK2) and CDK5 activity.

IPC 8 full level

C07D 401/14 (2006.01); **A61K 47/55** (2017.01); **A61P 35/00** (2006.01); **A61P 35/02** (2006.01); **A61P 35/04** (2006.01); **C07D 417/12** (2006.01)

CPC (source: EP US)

A61K 47/55 (2017.07 - EP US); **A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **A61P 35/04** (2017.12 - EP);
C07D 401/14 (2013.01 - EP US); **C07D 417/12** (2013.01 - EP US)

Citation (search report)

- [YDA] WO 2017197055 A1 20171116 - C4 THERAPEUTICS INC [US]
- [YA] WO 2017185034 A1 20171026 - DANA FARBER CANCER INST INC [US]
- [YA] WO 2017185023 A1 20171026 - DANA FARBER CANCER INST INC [US]
- [YA] WO 2006034872 A1 20060406 - SCHERING AG [DE]
- [YA] WO 03076437 A1 20030918 - SCHERING AG [DE]
- [YA] LÜCKING ULRICH ET AL: "The Lab Oddity Prevails: Discovery of Pan-CDK Inhibitor (R)- S -Cyclopropyl- S -(4-[[[4-[[[1 R ,2 R)-2-hydroxy-1-methylpropyl]oxy]-5-(trifluoromethyl)pyrimidin-2-yl]amino]phenyl)sulfoximide (BAY?1000394) for the Treatment of Cancer", CHEMMEDCHEM COMMUNICATIONS, vol. 8, no. 7, 13 May 2013 (2013-05-13), DE, pages 1067 - 1085, XP055953788, ISSN: 1860-7179, DOI: 10.1002/cmdc.201300096
- See references of WO 2020206137A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020206137 A1 20201008; AU 2020256220 A1 20210916; CA 3130706 A1 20201008; EP 3947368 A1 20220209; EP 3947368 A4 20230104; US 2022153722 A1 20220519

DOCDB simple family (application)

US 2020026411 W 20200402; AU 2020256220 A 20200402; CA 3130706 A 20200402; EP 20782155 A 20200402; US 202017442923 A 20200402